invention.

With respect to the requirement for restriction, Applicant elects for prosecution the apparatus claims of independent claims 1 and 12 and their dependent claims, and the newly added claims 18 - 20 (invention I), and withdraws from prosecution the independent method claim 15 and claims dependent therefrom (invention II).

## IN THE CLAIMS

Please add the following new claims to the case.

- 1 18 (newly added). A water purification apparatus as set forth in claim 9 wherein
- 2 said watertight housing with said ultraviolet lamp therein is located in a one of
- 3 said compartments immediately preceding said last of said compartments
- 4 containing said de-gassing apparatus.
- 1 19 (newly added). A water purification system as set forth in claim 2 wherein
- 2 said venturi is an adjustable venturi to vary a quantity of said ozone and said
- 3 substance that reacts beneficially with ozone provided to said flow of water.
- 1 20 (newly added). A water purification system as set forth in claim 13 wherein
- 2 said venturi is adjustable to vary quantities of said ozone produced by said
- 3 ozone generator and said substance that reacts beneficially with said ozone
- 4 provided to said flow of water.

## CLAIMS CURRENTLY IN THE CASE

- 1 1 (original). A water purification system comprising:
- an integral, compact enclosure containing a plurality of vertically
- 3 oriented, serially coupled compartments configured to direct a flow of water
- 4 alternately in upward and downward directions, with a first of said
- 5 compartments having a water inlet and a last of said compartments having a
- 6 water outlet, each said compartment extending the full vertical dimension of
- 7 said enclosure,
- a venturi coupled to said water inlet, said flow of water passing
- 9 through said venturi,
- an ozone generator in one of said compartments downstream from
- 11 said venturi and further comprising:
- an ultraviolet lamp positioned in a watertight housing located
- in one of said compartments, with walls of said watertight housing transparent
- 14 to ultraviolet radiation from said ultraviolet lamp,
- an air entrance in said watertight housing and an ozone/air
- outlet in said watertight housing, said ocone/air outlet coupled to provide
- ozone to said venturi and in turn who said flow of water.
  - 1 2 (original). A water purification system as set forth in claim 1 further
  - 2 comprising:
  - a mixing chamber in said venturi, said mixing chamber

- 4 communicating with at least two suction ports and said flow of water, said
- 5 ozone/air outlet coupled to one of said suction ports and at least one
- 6 substance that reacts beneficially with oxone coupled to the other of said
- 7 ports,.
- 1 3 (amended). A water purification system as set forth in claim 2 wherein said
- 2 mixing chamber is an annular mixing chamber surrounding said flow of water
- 3 wherein said ozone and said substance that reacts beneficially with ozone are
- 4 mixed together prior to being introduced to said flow of water, with and
- 5 providing reaction products of said at least one substance and said ozone
- 6 introduced annularly to said flow of water.
- 1 4 (original). A water purification system as set forth in claim 3 wherein said
- 2 substance is a liquid sanitizer.
- 1 5 (original). A water purification system as set forth in claim 1 wherein one or
- 2 more of said compartments contain turbulence-inducing devices.
- 6 (original). A water purification system as set forth in claim 5 wherein some of
- 2 said turbulence-inducing devices include alternately positioned baffles along
- 3 walls of at least one of said compartments to force said flow of water to flow
- 4 generally in back and forth relation through said at least one of said
- 5 compartments.

- 1 7 (original). A water purification system as set forth in claim 5 wherein some of
- 2 said turbulence-inducing devices are configured to force said flow of water to
- 3 flow generally spirally through a said compertment.
- 1 8 (original). A water purification system as set forth in claim 7 wherein said
- 2 housing is generally centrally located in a said compartment containing a one
- 3 of said turbulence-inducing devices to cause water to spiral around said
- 4 housing.
- 1 9 (original). A water purification system as set forth in claim 1 wherein a last
- 2 of said compartments contains de-gassing apparatus.
- 1 10 (original). A water purification system as set forth in claim 1 wherein said
- 2 compartments through which water is flowing downward are smaller in cross
- 3 section and said compartments through which water is flowing upward are
- 4 larger in cross section.
- 1 11 (original). A water purification system as set forth in claim 1 wherein said
- 2 enclosure and said vertically oriented compartments are about 18 inches in
- 3 height.
- 1 12 (amended). A water purification system comprising:
- an integrally constructed, compact housing of relatively narrow width,

- 3 said housing vertically divided into at least three compartments, with a water
- 4 inlet in a first of said compartments and a water outlet in a last of said
- 5 compartments, said compartments communicating with each other so that a
- 6 flow of water through said compartments is serial and alternates in upward
- 7 and downward directions,
- an ultraviolet ozone generator having an air inlet and an ozone/air
- 9 outlet mounted within one of said compartments, said ozone generator
- 10 providing ultraviolet radiation to said flow of water,
- a mixing device connected esupled to said water inlet and having a
- 12 plurality of inlet ports, said inlet ports communicating with a mixing chamber
- in said mixing device, said ozone/air outlet coupled to one of said inlet ports
- and a supply of a substance that reacts ber eficially with ozone from said ozone
- 15 generator coupled to another of said inlet ports.
- 1 13 (amended). A water purification system as set forth in claim 12 wherein
- 2 said mixing device is a venturi, and said mixing chamber is an annular
- 3 chamber communicating with and surrounding said flow of water so that said
- 4 ozone and said substance that reacts beneficially with ozone are mixed prior to
- 5 being introduced to said flow of water.
- 1 14 (original). A water purification system as set forth in claim 13 further
- 2 comprising turbulence-inducing devices in at least one of said compartments.

- 1 15 (withdrawn). A method for sanitizing water comprising:
- 2 1) mixing ozone into a flow of water,
- 3 2) directing said flow of water, in serial relation and at least once in an
- 4 upward direction and a downward direction, said flow of water being slower in
- 5 said upward direction and faster in said downward direction,
- 6 3) causing turbulence in said flow of water,
- 7 4) after the mixing of 1, the serially directing of 2 and the turbulence
- 8 of 3, exposing said flow of water containing residual ozone to ultraviolet
- 9 radiation.
- 1 16 (withdrawn). A method as set forth in claim 15 further comprising mixing
- 2 said ozone and a substance that reacts beneficially with ozone in an annular
- 3 mixing cavity surrounding said flow of water and providing reaction products of
- 4 said ozone and said substance to said flow of water.

17 (withdrawn). A method as set forth in claim 16 further comprising mixing said ozone with at least a halogen sanitizer.